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AOC/CAE/bmw() April 27, 2007 APR. 3 0 2007

PATENT APPLICATION—Docket No.: 3890.1000-000

#### IN THE UNITED STATES ATENT AND TRADEMARK OFFICE

Applicants:

Malcolm Carter, Elisa Henderson, Richard Kelsey, Lara Wilson,

Phil Chambers, Debra Taylor and Stan Tyms

Application No.:

10/528,250

Group:

1624

Filed:

June 21, 2005 (371(c))

Examiner:

Kifle, Bruck

Confirmation No.:

2767

For:

BENZODIAZEPINE DERIVATIVES AND PHARMACEUTICAL

COMPOSITIONS CONTAINING THEM

#### CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

04/27/07

Sign

Typed or printed name of person signing certificate

# REQUEST FOR CORRECTION/AMENDMENT OF INVENTORSHIP UNDER 37 C.F.R. § 1.48(c)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants request that the inventorship be amended to add Verity Dowdell as an inventor. With such amendment, Malcolm Carter, Philip Chambers, Verity Dowdell, Elisa Ann Henderson, Richard David Kelsey, Debra Taylor, Stanley Tyms, and Lara Wilson are the joint inventors of the subject application. The addition of Verity Dowdell as a co-inventor is necessitated by amendment of the claims.

04/30/2007 HGUTEMA1 00000014 10528250

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#### Enclosed are the following documents:

- (1) Statement Under 37 C.F.R. §1.48(c)(2) by Verity Dowdell;
- (2) Four (4) Copies of Executed Declaration for Patent Application by the actual inventors as required by 37 C.F.R. §1.63 (3 pgs. each/total of 12 pgs.);
- (3) Check in the amount of \$130 as payment of the processing fee as set forth in 37 C.F.R. §1.17(i);
- (4) Written Consent of the Assignee in Correction of Inventorship Under 37 C.F.R. §1.48(a)(5) with:
  - (a) Statement Under 37 C.F.R. §3.73(b); and
  - (b) copy of Assignment of Verity Dowdell to Arrow Therapeutics Limited; and
- (5) Power of Attorney.

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

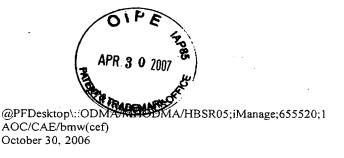
By Carol A. Egner
Carol A. Egner

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Concord, MA 01742-9133

Date: April 27, 2007



PATENT APPLICATION Docket No.: 3890.1000-000

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Malcolm Carter, Elisa Henderson, Richard Kelsey, Lara Wilson, Phil

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and Trademark Office on:

Signature

Typed of printed name of person signing certificate

#### STATEMENT UNDER 37 C.F.R. § 1.48(c)(2) by VERITY DOWDELL

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I, Verity Dowdell, of Arrow Therapeutics Limited, Britannia House, 7 Trinity Street, London, SE1 1DB, United Kingdom, hereby state that I am a co-inventor with Malcolm Carter, Elisa Ann Henderson, Richard David Kelsey, Lara Wilson, Philip Chambers, Debra Taylor, and Stanley Tyms, of subject matter described in the above-captioned application as filed. The inclusion of my name is necessitated by amendment of the claims. Any error of omitting my name as a co-inventor occurred without deceptive intention on my part.

Signature_	dis/hust/	
	Verity Dowdell	

Date 26 (01 07
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### Declaration for Patent Application

[ ] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

# BENZODIAZEPINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM the specification of which (check one) is attached hereto. was filed on [ ] as United States Application Number [ ]. [X] was filed on September 22, 2003 as PCT International Application No. PCT/GB03/004050 and assigned United States Application No. 10/528,250. [X] and was amended on 30 October 2006.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

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	Prior F	Foreign Application(s)	N	ority ot imed		Certi Copy ES	ified Filed? NO
0221923.6 (Number)	Great Britain (Country)	20 September 2002 (Day/Month/Year filed)	[	]	[	]	[ X ]
0302078.1 (Number)	Great Britain (Country)	29 January 2003 (Day/Month/Year filed)	]	]	[	]	[ X ]
(Number)	(Country)	(Day/Month/Year filed)	ĺ	]	[	J	[ ]

or first inventor	Malcolm Carter		
Inventor's Signature			
Residence: City	State	Country	Ciri.
London		United Kingdom	Citizenship
Mailing Address (Bus	iness or Residential)		United Kingdom
Street or P.O. Box	Arrow Therapeutics Limited, E	Britannia House, 7 Trinity Stree	<b>a</b> f
City	State	ZIP	
London		SEI IDB	Country United Kingdom
			Cinted Kingdom
Full name of second			
joint inventor, if any	Philip Chambers		
Inventor's Signature	Only ande	<b>D</b>	
Residence: City	State	Country	Citimanal:
London		United Kingdom	Citizenship
Mailing Address (Busin	ness or Residential)		United Kingdom
Street or P.O. Box	Arrow Therapeutics Limited, Br	ritannia House, 7 Trinity Street	
City	State	ZIP	Country
London			Country
		SEI IDB	United Kingdom
		SEI IDB	United Kingdom
oint inventor, if any	Verity Dowdell	SEI IDB	United Kingdom
oint inventor, if any	Verity Dowdell	SEI IDB	United Kingdom
oint inventor, if any	Verity Dowdell State	Country	
oint inventor, if any	State	Country	Citizenship
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oint inventor, if any nventor's Signature Residence: City London Mailing Address (Busine treet or P.O. Box	State ess or Residential) Arrow Therapeutics Limited, Bri	Country United Kingdom	Citizenship
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Residence: City  London  Mailing Address (Businestreet or P.O. Box  City  London  Mailing Address (Businestreet or P.O. Box  City  London  London	State  Pess or Residential) Arrow Therapeutics Limited, Brit State  Lisa Ann Henderson  State  State	Country United Kingdom  tannia House, 7 Trinity Street ZIP SEI IDB  Country United Kingdom	Citizenship United Kingdom  Country United Kingdom  Citizenship

joint inventor, if any Inventor's Signature	Richard David Kelsey		<u> </u>
Residence: City			
London	State	Country	Citizenship
		United Kingdom	United Kingdom
Mailing Address (Busin Street or P.O. Box	ness or Residential)	D.:	
City	State State	Britannia House, 7 Trinity Stre	et
London	State	ZIP	Country
		SEI IDB	United Kingdom
	Debra Taylor		
Inventor's Signature			
Residence: City	State	Country	
London		United Kingdom	Citizenship
Mailing Address (Busine	ess or Residential)		United Kingdom
Street or P.O. Box	Arrow Therapeutics Limited, E	Britannia House, 7 Trinity Stree	t
City	State	ZIP	
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oint inventor, if any $S$	tanley Tyms	SEI IDB	Country United Kingdom
Full name of seventh oint inventor, if any S		SEI IDB	
Full name of seventh oint inventor, if any Sinventor's Signature	tanley Tyms State	SEI IDB  Country	
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Full name of seventh oint inventor, if any S nventor's Signature Residence: City  London Mailing Address (Busines	State ss or Residential)	SEI IDB  Country United Kingdom	United Kingdom  Citizenship
Full name of seventh joint inventor, if any Sinventor's Signature Residence: City  London  Mailing Address (Busines	State ss or Residential)	Country United Kingdom itannia House, 7 Trinity Street	United Kingdom  Citizenship United Kingdom
Full name of seventh oint inventor, if any S nventor's Signature Residence: City  London Mailing Address (Business treet or P.O. Box A	State ss or Residential) rrow Therapeutics Limited, Br	Country United Kingdom itannia House, 7 Trinity Street ZIP	Citizenship United Kingdom  Country
Full name of seventh joint inventor, if any Sinventor's Signature Residence: City  London  Mailing Address (Business treet or P.O. Box A City	State ss or Residential) rrow Therapeutics Limited, Br	Country United Kingdom itannia House, 7 Trinity Street	United Kingdom  Citizenship United Kingdom
Full name of seventh joint inventor, if any Sinventor's Signature Residence: City  London  Mailing Address (Business Street or P.O. Box A City  London  London  Mailing Address A City  London	State  State  State  Trow Therapeutics Limited, Br  State	Country United Kingdom itannia House, 7 Trinity Street ZIP	Citizenship United Kingdom  Country
Full name of seventh coint inventor, if any Serventor's Signature Residence: City  London  Mailing Address (Business treet or P.O. Box Acity  London  City  London  ull name of eighth coint inventor, if any La	State ss or Residential) rrow Therapeutics Limited, Br	Country United Kingdom itannia House, 7 Trinity Street ZIP	Citizenship United Kingdom  Country
Full name of seventh joint inventor, if any Senventor's Signature Residence: City  London  Mailing Address (Business treet or P.O. Box A City  London  Ull name of eighth point inventor, if any Landon Lando	State  ss or Residential)  rrow Therapeutics Limited, Br  State  ra Wilson	Country United Kingdom itannia House, 7 Trinity Street ZIP	Citizenship United Kingdom  Country
Full name of seventh joint inventor, if any Sinventor's Signature Residence: City  London  Mailing Address (Business Street or P.O. Box A City  London  ull name of eighth joint inventor, if any Landon Land	State  State  State  Trow Therapeutics Limited, Br  State	Country United Kingdom itannia House, 7 Trinity Street ZIP	Citizenship United Kingdom  Country United Kingdom
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **Declaration for Patent Application**

Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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(Number)	(Country)	(Day/Month/Year filed)	[	]	[	]	[ ]

Mailing Address (Business or Residential) Street or P.O. Box Arrow Therapeutics Limited, Britannia House, 7 Trinity Street  City State ZIP  London	Citizenship nited Kingdom  Country nited Kingdom
Inventor's Signature  Residence: City  London  Mailing Address (Business or Residential) Street or P.O. Box  City  State  Arrow Therapeutics Limited, Britannia House, 7 Trinity Street  City  State  ZIP  London  SEI 1DB  United Kingdom  Un	nited Kingdom  Country
Inventor's Signature  Residence: City State Country City London United Kingdom United Kingdom United City Street or P.O. Box Arrow Therapeutics Limited, Britannia House, 7 Trinity Street City State ZIP Country City State ZIP Country City State SE1 1DB United City SE1 1DB United City SE1 1DB United City SE1 1DB United City SE1 1D	nited Kingdom  Country
Joint inventor, if any Inventor's Signature  Residence: City State Country City London United Kingdom United Kingdom United Kingdom United City Street or P.O. Box Arrow Therapeutics Limited, Britannia House, 7 Trinity Street City State ZIP Condon	nited Kingdom  Country
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Inventor's Signature  Residence: City State Country City United Kingdom United Kingdom United City Street or P.O. Box Arrow Therapeutics Limited, Britannia House, 7 Trinity Street City State ZIP	nited Kingdom
Joint inventor, if any Philip Chambers  Inventor's Signature  Residence: City State Country City  London United Kingdom United Kingdom United or P.O. Box Arrow Therapeutics Limited, Britannia House, 7 Trinity Street	
Joint inventor, if any Philip Chambers  Inventor's Signature  Residence: City State Country City London United Kingdom United Mailing Address (Business or Residential)	
Joint inventor, if any Philip Chambers Inventor's Signature  Residence: City State Country Ci London United Kingdom	
Joint inventor, if any Philip Chambers  Inventor's Signature  Residence: City State Country City	Citizenship
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Full name of fifth joint inventor, if any	Dishard Davis		
Inventor's Signature	Richard David Kelsey		
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London	State	Country	Citizenship
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Street or P.O. Box	Arrow Therapeutics Limited, E	Britannia House, 7 Trinis, o.	
City	State	ZIP	
London		SEI IDB	Country
		<u></u>	United Kingdom
Full name of sixth			
	Debra Taylor		
Inventor's Signature	1 lay	3	
Residence: City	State State	Country	Circ
London		United Kingdom	Citizenship
Mailing Address (Busine	ess or Residential)		United Kingdom
Street or P.O. Box	Arrow Therapeutics Limited, Br	ritannia House, 7 Trinity Street	
City	State	ZIP	Country
•		SEI IDB	United Kingdom
full name of seventh point inventor, if any S	tanley Tyms	SEI IDB	
full name of seventh oint inventor, if any Sinventor's Signature			United Kingdom
full name of seventh pint inventor, if any Sinventor's Signature	tanley Tyms State	Country	United Kingdom  Citizenship
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ull name of seventh pint inventor, if any S eventor's Signature esidence: City London failing Address (Busines reet or P.O. Box A	State ss or Residential)	Country United Kingdom	United Kingdom  Citizenship
ull name of seventh bint inventor, if any S nventor's Signature esidence: City London lailing Address (Busines reet or P.O. Box An	State	Country United Kingdom	United Kingdom  Citizenship United Kingdom
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Full name of seventh point inventor, if any Solventor's Signature Lesidence: City  London  Mailing Address (Busines Greet or P.O. Box Andrews City	State ss or Residential) trow Therapeutics Limited, Brit	Country United Kingdom tannia House, 7 Trinity Street	United Kingdom  Citizenship United Kingdom
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Full name of seventh point inventor, if any Serventor's Signature residence: City  London  Mailing Address (Business recet or P.O. Box Arcity  London  All name of eighth int inventor, if any Larventor's Signature residence: City  London  London  London  All name of eighth int inventor, if any Larventor's Signature residence: City  London  Alling Address (Business	State  State  State  State  State  State  Ta Wilson  State  Or Residential)	Country United Kingdom  tannia House, 7 Trinity Street ZIP SEI IDB  Country United Kingdom	United Kingdom  Citizenship United Kingdom  Country United Kingdom  Citizenship



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#### **Declaration for Patent Application**

[ ] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### BENZODIAZEPINE DERIVATIVES AND PHARMACEUTICAL

#### COMPOSITIONS CONTAINING THEM

	the s	pecification	of which	(check one)	,
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- [] is attached hereto.
- [] was filed on [] as United States Application Number [].
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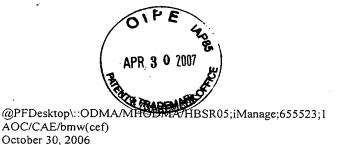
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I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

	•	Prior Foreign Application(s)		Priority Not Claimed		Certified Copy File YES	
0221923.6 (Number)	Great Britain (Country)	20 September 2002 (Day/Month/Year filed)	. [	]	[	]	[ X ]
0302078.1 (Number)	Great Britain (Country)	29 January 2003 (Day/Month/Year filed)	. [	]	[	]	[ X ]
(Number)	(Country)	(Day/Month/Year filed)	. [	]	[	]	[, ]

Full name of sole or first inventor	Malcolm Carter							
Inventor's Signature	Marconn Carlot M	23 30/1/	<sub>0</sub> フ					
Residence: City	State	Country	Citizenship					
London		United Kingdom	United Kingdom					
Mailing Address (Business or Residential)								
Street or P.O. Box	Arrow Therapeutics Limited, Bri	tannia House, 7 Trinity Street						
City	State	ZIP	Country					
London	·	SEI IDB	United Kingdom					
Full name of second joint inventor, if any	Philip Chambers							
Inventor's Signature	rimp Chambers	,						
Residence: City	State	Country	Citizanshin					
London	State	Country United Kingdom	Citizenship					
	singer or Residential)	United Kingdom	United Kingdom					
Mailing Address (Bus Street or P.O. Box	Arrow Therapeutics Limited, Bri	tannia House, 7 Trinity Street						
City	State	ZIP	Country					
London		SE1 1DB	United Kingdom					
Full name of <b>third</b> joint inventor, if any	Verity Dowdell?		,					
Inventor's Signature	Wext Mardell	26/01/07						
Residence: City	State	Country	Citizenship					
London		United Kingdom	United Kingdom					
Mailing Address (Bus Street or P.O. Box	siness or Residential) Arrow Therapeutics Limited, Bri	tannia House, 7 Trinity Street						
City	State	ZIP	Country					
London		SEI IDB	United Kingdom					
		,						
Full name of <b>fourth</b> joint inventor, if any Elisa Ann Henderson								
Inventor's Signature	all desone	29/1/07						
Residence: City	State	Country	Citizenship					
London		United Kingdom	United Kingdom					
Mailing Address (Bus Street or P.O. Box	iness or Residential) Arrow Therapeutics Limited, Bri	tannia House, 7 Trinity Street	·					
City	State	ZIP	Country					
London		SEI IDB	United Kingdom					

	•			
Full name of <b>fifth</b> joint inventor, if any Richard David Kelsey				
Inventor's Signature	Killeken			
Residence: City	// State	Country	Citizenship	
London		United Kingdom	United Kingdom	
Mailing Address (Bus Street or P.O. Box	siness or Residential) Arrow Therapeutics Limited, Brita	annia House, 7 Trinity Street		
City	State	ZIP	Country	
London		SEI IDB	United Kingdom	
	·			
Full name of sixth joint inventor, if any	Debra Taylor			
Inventor's Signature	•			
Residence: City	State	Country	Citizenship	
London		United Kingdom	United Kingdom	
Mailing Address (Bus Street or P.O. Box	iness or Residential) (Residential) (Residential) (Residential)	nnia House, 7 Trinity Street		
City	State	ZIP	Country	
London		SEI 1DB	United Kingdom	
Full name of seventh joint inventor, if any	Stanley Tyms			
Inventor's Signature			· · · · · · · · · · · · · · · · · · ·	
Residence: City	State	Country	Citizenship	
London		United Kingdom	United Kingdom	
Mailing Address (Bus Street or P.O. Box	iness or Residential) Arrow Therapeutics Limited, Brita	nnia House, 7 Trinity Street		
City	State	ZIP	Country	
London		SE1 1DB	United Kingdom	
Full name of eighth joint inventor, if any	Lara Wilson			
Inventor's Signature	19den 30/1	/o7		
Residence: City	State	Country	Citizenship	
London		United Kingdom	United Kingdom	
Mailing Address (Bus Street or P.O. Box	iness or Residential) Arrow Therapeutics Limited, Brita	nnia House, 7 Trinity Street		
City	State	ZIP	Country	
London		SEI IDB	United Kingdom	



PATENT APPLICATION Docket No.: 3890.1000-000

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Malcolm Carter, Elisa Henderson, Richard Kelsey, Lara Wilson, Phil

Chambers, Debra Taylor, and Stan Tyms

Application No.:

10/528,250

Group:

1624

Filed:

June 21, 2005 (371(c))

Examiner: Kifle, Bruck

Confirmation No.:

2767

For:

BENZODIAZEPINE DERIVATIVES AND PHARMACEUTICAL

COMPOSITIONS CONTAINING THEM

#### CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

Date

Signature

Typed or printed name of person signing certificate

#### WRITTEN CONSENT OF ASSIGNEE IN CORRECTION OF INVENTORSHIP <u>UNDER 37 C.F.R. §1.48(a)(5)</u>

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Arrow Therapeutics Limited is the assignee of the entire right, title and interest in the referenced patent application, and does hereby consent to the addition of Verity Dowdell as an inventor in the application.

A Statement under 37 C.F.R. § 3.73(b) is being filed concurrently with this Written Consent.

Respectfully submitted,

Name of signatory:

Title of signatory:

DR SUE GRIEVE

Arrow Therapeutics LTHRECTOR DEVELOPMENT & LEGAL

London, United Kingdom



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### Declaration for Patent Application

Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

# BENZODIAZEPINE DERIVATIVES AND PHARMACEUTICAL

	COMPOSITIONS CONTAINING THEM
the spec	cification of which (check one)
[]	is attached hereto.
[]	was filed on [ ] as United States Application Number [ ].
[X]	was filed on September 22, 2003 as PCT International Application No. PCT/GB03/004050 and assigned United States Application No. 10/528,250.
[X]	and was amended on 30 October 2006.
includin	I hereby state that I have reviewed and understand the contents of the above-identified specification

including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

I hereby claim foreign priority benefits under 35 U.S.C. 119 or 365 of any foreign application(s) for patent or inventor's certificate, or of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

	Prior Foreign Application(s)		Priority Not Claimed		Certified Copy Filed YES N		
0221923.6 (Number)	Great Britain (Country)	20 September 2002 (Day/Month/Year filed)	I	]	[	]	[ X ]
0302078.1 (Number)	Great Britain (Country)	29 January 2003 (Day/Month/Year filed)	[.	]	[	]	[ X ]
(Number)	(Country)	(Day/Month/Year filed)	[	]	[	]	[ ]

Full name of sole or first inventor	Malcolm Carter		
Inventor's Signature	Curtor	<u> </u>	
Residence: City	State	C	
London		Country	Citizenship
Mailing Address (Bus	siness or Residential)	United Kingdom	United Kingdom
Street or P.O. Box	Arrow Therapeutics Limited, E	Britannia House 7 Trinity Street	
City	State	ZIP	
London		SEI IDB	Country
		<u> </u>	United Kingdom
Full name of second			
joint inventor, if any	Philip Chambers	•	
Inventor's Signature			
Residence: City	' State	Country	C'a:
London		United Kingdom	Citizenship
Mailing Address (Businest or B.O. B.	ness or Residential)		United Kingdom
Street or P.O. Box	Arrow Therapeutics Limited, Br	itannia House, 7 Trinity Street	
City	State	ZIP	Country
London		SEI IDB	United Kingdom
nventor's Signature	Verity Dowdell		
Residence: City	State	Country	0:
London		United Kingdom	Citizenship
Mailing Address (Busin	ess or Residential)		United Kingdom
Street or P.O. Box	Arrow Therapeutics Limited, Brit	tannia House, 7 Trinity Street	
City	State	ZIP	Country
London		SEI IDB	United Kingdom
ventor's Signature	Clisa Ann Henderson		
esidence: City	State	Country	C
London		United Kingdom	Citizenship
ailing Address (Busines	ss or Residential) rrow Therapeutics Limited, Brita		United Kingdom
A A			
City	State		
	State	ZIP SE1 1DB	Country United Kingdom

Full name of fifth			
joint inventor, if any	Richard David Kelsey		
Inventor's Signature			
Residence: City	State	Country	Citizenship
London		United Kingdom	United Kingdom
Mailing Address (Busi Street or P.O. Box	ness or Residential)		
City	Arrow Therapeutics Limited, I	Britannia House, 7 Trinity Stree	et
London	State	ZIP	Country
		SEI IDB	United Kingdom
Full name of sixth			
	Debra Taylor		
Inventor's Signature			
Residence: City	State	Country	Citizonal
London		United Kingdom	Citizenship United Kingdom
Mailing Address (Busin Street or P.O. Box	ess or Residential)		
City	Arrow Therapeutics Limited, B	ritannia House, 7 Trinity Street	
London	State	ZIP	Country
		SEI IDB	United Kingdom
nventor's Signature	Stanley Tyme Tomby Gy	mp.	
Residence: City	State	Country	Citizenship
London		United Kingdom	United Kingdom
Mailing Address (Busine Street or P.O. Box A	ss or Residential) .rrow Therapeutics Limited, Bri	tannia House, 7 Trinity Street	- Cinted Kingdom
City	State	ZIP	
London		SEI IDB	Country
			United Kingdom
ull name of eighth  oint inventor, if any La	ara Wilson		
iventor's Signature	** 11 H2OH		
esidence: City	State		
London	State	Country	Citizenship
ailing Address (Busines	s or Residential)	United Kingdom	United Kingdom
reet or P.O. Box Ar	row Therapeutics Limited, Britz	annia House, 7 Trinity Street	
City	State		Carrie
City London	State	ZIP SEI IDB	Country United Kingdom



Date:

Docket No. 3890.1000-000

Applic	ant/Pater	tee: Malcolm Carter, Elisa Henderson, Richard Kelsey, Lara Wilson, Phil Chambers, Debra Taylor,
		and Stan Tyms
Applic	ation No	/Patent No.: 10/528,250 Filed/Issue Date: June 21, 2005 (371(c))
Entitle	d:_BEN2	ODIAZEPINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
	-	Therapeutics Limited , a British body corporate (corporation)
		(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states t	hat it is	
A.	[X]	the assignee of the entire right, title and interest in the patent application/patent identified above; or
B.	[ ]	an assignee together with [ ] of the entire right, title and interest in the patent application/patent identified above.
The rig	ht, title a	nd interest of the above-named assignee in the patent application/patent identified above is established by virtue
A. [ X ]	Taylor,	gnment from the inventors Malcolm Carter, Elisa Henderson, Richard Kelsey, Lara Wilson, Phil Chambers, De and Stan Tyms of the patent application/patent identified above. The assignment was recorded in the Patent are ark Office at Reel 016375, Frame 0849-0851
[X]	А сору	of the Assignment from inventor Verity Dowdell is attached.
OR		
B.[]	A chair below:	of title from the inventor(s) of the patent application/patent identified above, to the current assignee as shown
	1.	From: To: To: The document was recorded in the United States Patent and Trademark Office at
		Reel, Frame, or a copy thereof is attached.
	2.	From:To:
		The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.
	3.	From:To:
		The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.
	[ ] Ad	ditional documents in the chain of title are listed on a supplemental sheet.
As requ	ired by 3 urrently i	7 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, s being, submitted for recordation pursuant to 37 CFR 3.11.
The unc	lersigned	(whose title is supplied below) is authorized to act on behalf of the assignee.
Signatu	re:	SMHOVE.
Name:_	DIRECT	DR SUE GRIEVE OR DEVELOPMENT & LEGAL
Title:		
Date:	09	102/2007.

#### <u>ASSIGNMENT</u>

WHEREAS, I, Verity Dowdell, together with co-inventors Malcom Carter, Elisa Henderson, Richard Kelsey, Lara Wilson, Phil Chambers, Debra Taylor and Stan Tyms, have invented a certain improvement in BENZODIAZEPINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM, described in an application for Patent,

[]	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);	
[]	is about to be filed in the United States Patent Office as a Provisional Application	
[]	the specification of which is United States Application No. [ ], filed [ ];	
[X]	the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/GB2003/004050, filed September 22, 2003, which designates the United States of America and assigned United States Application No. 10/528,250;	
[]	which was patented under United States Patent No. [ ].	

WHEREAS, Arrow Therapeutics Limited (hereinafter "ASSIGNEE"), a British body corporate (corporation) organized and existing under the laws of the United Kingdom, and having a usual place of business at Britannia House, 7 Trinity Street, London SE1 1DB, United Kingdom desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America. its territories and all foreign countries, in and to said invention as described in said application. together with my entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest

therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor /Bandell Date 20/01/07
Address 39 ST. WILLIAMS WAY ROCHESTER, KENT, WET 2NX
Witness Signature
Print Witness Name A SF THOMPS
Address 42 REARDON HOUSE, REARDON ST LONDON, EIN ZOS
Witness Signature (2 School 26.0). 07
Print Witness Name CMRISTIANE SCHWETZE
Address 20 CMALE ROAD LONDON SWZ43B NK



HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

# POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

Application Number	10/528,250
Filing Date	June 21, 2005 (371(c))
First Named Inventor	Malcolm Carter
Confirmation Number	2767
Group Art Unit	1624
Examiner Name	Kifle, Bruck
Attorney Docket Number	3890.1000-000

Title

BENZODIAZEPINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

		CONTAINING THEM
٠.	l her	eby appoint
•	[X]	Practitioners associated with Customer No. 021005
	[ ]	Practitioner(s) named below:
	appli	/our attorneys/agents to prosecute the application identified above, including any continuation or divisional cations thereof, and to transact all business in the United States Patent and Trademark Office connected with.
	Plea	e recognize or change the correspondence address for the above-identified application to:
	[X]	Customer Number 021005
		Hamilton, Brook, Smith & Reynolds, P.C.
		530 Virginia Road
	<b>.</b> :	P.O. Box 9133
		Concord, Massachusetts 01742-9133
	r 1	Other
•		
	Plea	e direct all telephone calls and facsimiles to:
		Alice O. Carroll, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136
	110111	7 (100 0. Carron, Esq. 976-341-0136
	l am	he:
	[ ]	Applicant/Inventor.
•	[ X ]	Authorized representative of the Assignee, Arrow Therapeutics Limited, of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.
	[]	Authorized representative of the Assignee, [ ], together with [ ], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed.
		SIGNATURE of Applicant or Assignee of Record
9	Signat	ire AUMA
1	Name	DIRECTOR DEVELOPMENT & LEGAL
	Date	00/02/2007
-		. 0 1 / 02 / 200 )